

COUNTRY : II  
CATEGORY :

ABS. JOUR. : AZZhiz., No. 23 - 1959, No. 84516

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : soft and must leave an imprint when pressed with a finger. The raw hide is then treated in a bath containing 100% water and 2% NaCl (basis the weight of hide), to which a dilute  $\text{Na}_2\text{SO}_4$  solution is slowly added. Raw hides are left for approx. 12-15 hours in the drum followed by rotating it for 15-20 minutes, pH of the spent pickle solution is 3.5-3.7. The pickled raw hides are then transferred into an empty drum, adding 5% of sawdust and 3% "tannin gran LH" in the form of a powder, and after rotating the drum for 1 hour, a mixture

CARD: 4/6

|                    |   |   |
|--------------------|---|---|
| COUNTRY            | :   | H |
| CATEGORY           | :   |   |
| ACT. NO.:          | REKHM., No. 23 1959, No. 84516  |   |
| AUTHOR             | :   |   |
| INVENT.            | :   |   |
| FIELD              | :   |   |
| CRIT. PUB.         | :   |   |
| ABSTRACT<br>Cont'd | containing 25% "tannigan sunre LH", 2.5% acetic acid (25%) and 5% water at a temperature of 20°. This is then followed by the rotation for 1.5 hours followed by the addition of 2% formaldehyde, diluted with 2% water and agitation for 30 minutes. The semi-finished hides are placed for approx. 12-18 hours on the racks, washed for 3-5 minutes with water (35°) followed by the finishing tanning in a bath containing 100% water (35°) and 5% "retingen R4B". After 45 minutes of agitation (rotation) a distinct crinkling of the top side becomes |   |
| CARD:              | 5/6   |   |

II - 157

|              |  |
|--------------|--|
| COUNTRY :    | H  |
| CATEGORY :   |  |
| ABS. JOUR. : | RZKhim., No. 23 1959, No. 84516  |
| AUTHOR :     |  |
| TYPE :       |  |
| TITLE :      |  |
| ORIG. PUB. : |  |
| ABSTRACT     | Con'd : apparent. Fixation of this crinkling is attained with the use of the basic solution of chromic salt or with the "chromoval" preparation (6% by weight of raw hides at a 50% alkalinity). Hides are agitated with the above solution for 2 hours, followed by the addition of Na <sub>2</sub> CO <sub>3</sub> solution (slowly). pH of the tanning bath must be 4.3. -- M.Luksemburg. |
| CARD:        | 6/6  |

|            |   |   |
|------------|---|---|
| Country    | : | POLAND                                      |
| Category   | : | H   |
| Aos. Jour  | : | 44377                                       |
| Author     | : | Krzywicki, M.                               |
| Institut.  | : |   |
| Title      | : | Gilting Leather                             |
| Orig. Pub. | : | Przegl. chemiczny, 1959, 10, No 11, 265-271 |
| Abstract   | : | No abstract.                                |

Card: 1/1

1. SUBJECT : POLAND  
2. COUNTRY : Chemical Technology, Chemical Products and  
3. JOURNAL : Their Applications. Leather, Fur, Gelatine. \*  
4. VOLUME : RZKhim., No. 19, 1959, No. 70134

5. AUTHOR : Krzywicki, S.  
6. TITLE : Tanning Solutions of the Sulfite-Sulfate  
7. Chromium Salts' Type  
8. PUBL. PLACE : Przegl. skorzany, 1959, 13, No 12, 300-305  
9. PUBLISHER : Theory and practical application of the  
10. sulfite-sulfate type chromium salts' tanning  
11. solutions are reviewed. The coagulation method,  
12. employing solutions of the Cr<sup>6+</sup> reduction  
13. products (Cr<sup>6+</sup> → Cr<sup>3+</sup> with NaHSO<sub>3</sub>)  
14. and a solution of Cr<sup>3+</sup> sulfate, obtained in  
15. the usual manner, is described in consider-  
16. able detail. Presented also is the treatment  
17. method for the obtainment of waterproof  
leather. -- B. Yukesh.

\*Tanning Materials, Industrial Proteins.

CARD:

SI - 181

KRZYWICKI, E., docent

Simultaneous use leather for upper and lower parts of  
shoes. Przegl skorzany 17 no.1:4-7 Ja '62.

*1443* 6  
Hocikiel J., Krzywield J. Problems of Theory and Practice in the Production of Cellular and Porous Elastomers (I)

(Teoretyczne i praktyczne zagadnienia produkcji gąbkowych i porowatych elastomerów (I)). Przegląd Skórza, No. 9, 1989, pp. 173-174, 2 figs.

The paper familiarizes the reader with contemporary foreign and Polish developments in the production of cellular and porous elastomers made from emulsion-polymer mixtures which are extensively used owing to their low specific weight, high resistance to water, considerable mechanical strength and high thermal and acoustic insulating properties. Frothing agents play an important role in the production of porous elastomers. Liquid gas-producing substances are discussed which evolve gases as a result of the following processes: 1) desorption of bases absorbed by surface-active substances, 2) bimolecular chemical exchange reaction, 3) unimolecular chemical decomposition reaction.

*M.A. Kootz*

*2*

*Scops*

*✓*

KRZYWICKI, Janusz.

Possibilities of therapy of some diseases of periodontium and mucous membrane with mineral baths of the mouth. Czas. stomat. 8 no.9:349-358 Sept. 1955.

l. Z Kliniki Stomatologii Zachodowej A.M. w Warszawie.  
Kierownik: prof. dr. J.Krzywicki. Warszawa, Cieszkowskiego 3  
m. 68.

(PERIODONTIUM, diseases  
ther., mineral water bath, indic. & methods)  
(MOUTH,

mucosal dis.. ther., mineral bath, indic. & methods)  
(MINERAL WATER, therapeutic use  
mouth bath in dis. of periodontium & mucosa)

KRYNICKI, J.; KUCIESKI, J.

Theoretical and practical problems in the production of porous elastomers  
with cavities. Pt. 1. p. 210.

PTEGIAC SKORYANY. (Centralne Zarządy Przemysłu Gątarskiego, Obuwnicze, o  
1 Artykułów Skorzanych) Łódź, Poland. Vol. 10; no. 9, Sept. 1955.

Monthly List of East European Accessions (EEA) LC, Vol. 9, no. 2, Feb. 1959.  
"Incl.

LEWINSKI, J.

LEWINSKI, J. Theoretical and practical problems involved in the reduction of  
porous elastomers with cavities. II. Technology of production processes.  
(To be cont'd.) J. R&D. Vol. 16, no. 10, Oct. 1955. POLSKA GOSUDARSTWOWA  
POLSKA GOSUDARSTWOWA  
POLAND.

SOURCE: Fast European Accessions List (FFAL) LC VOL. 5, No. 6 June 1956

WYKŁAD, J. p. 405. 1, 2.

Theoretical and practical problems in the production of porous cements  
with cavities. (B. 2. To be cont'd) P. 2-3.

WYKŁAD, J. (Centralne Biuro Przygotowania Wykładek, Wydział  
i Artykułów Skonczonej) Łódź, Poland, Vol. 11, no. 11, Nov. 1959.

Military List of East European Accessions (EEL) IC, Vol. 1, no. 2, Feb. 1959.

U.S.S.R.

KRZENICKI, J.

Theoretical and practical problems in the production of porous  
elastomers with cavities, Pt. 2 Conclusion, p. 287.  
RZECZNAD SKORZANY Vol. 10, no. 12, Dec. 1955.  
Poland

Source :

EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 10, Oct 1956.

KRZYWICKI, J.

Kalendarz Przemyslu Gumowego (Calendar of the Rubber Industry) by T. Porayski,  
S. Zielinska, W. Zielinska, and Zoltanowski; a book review. p. 59

WIADOMOSCI CHEMICZNE. (Polskie Towarzystwo Chemiczne)  
Wroclaw. Vol. 12, no. 1, Jan. 1958  
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959  
Uncl.

POLAND/Chemical Technology, Chemical Products  
and Their Applications. Industrial  
Organic Synthesis.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20370

Author : Rucinski, Jerzy; Krzywicki, Janusz;  
Bodalski, Ryszard

Inst :

Title : Purification of Butadiene by Means of SO<sub>2</sub>.

Orig Pub : Przem. chem., 1958, 37, No 3, 163-167

Abstract : Dependencies of the reaction of the puri-  
fication of butadiene (I) by means of SO<sub>2</sub>  
which have not been described in the lite-  
rature were investigated: the influence  
of temperature and molecular ratio of I  
and SO<sub>2</sub> on the yield of monosulfone (II)

Card : 1/4

POLAND/Chemical Technology. Chemical Products  
and Their Applications. Industrial  
Organic Synthesis.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20370

and on the purity of I which was obtained by decomposition of II. The method of the experiments and the apparatus used are described; a diagram of the setup is given. The usefulness of the method was investigated with a degree of purity of I below that indicated in the patents (from about 60 percent). The experiments showed that the obtained purity of I (98-99 percent) does not depend on the purity of original I, and a preliminary fractionated distillate is not needed. Samples with a different content of purified I were subjected to con-

Card : 2/4

14-49

POLAND/Chemical Technology. Chemical Products  
and Their Applications. Industrial  
Organic Synthesis. H

Abs Jour : Ref Zhur-Khimiya, № 6, 1959, 20370

trolled polymerization (1 percent metallic Na, 20°). Increase in the content of I increased the yield and reduced the duration of polymerization. Experiments were conducted on the purification of technical I (about 76 percent) with temperatures of reaction of minus 4° (duration of reaction 4 weeks), 20° (192 hours) and 40° (48 hours) with a different molecular ratio of I and SO<sub>2</sub>. An SO<sub>2</sub> surplus does not influence the purity of I, but has a great influence on the yield of II. The most advantageous method, considering the duration of reaction,

Card : 3/4

POLAND/Chemical Technology. Chemical Products  
and Their Applications. Industrial  
Organic Synthesis.

H

Abs Jour : Ref Zhur-Khimiya, № 6, 1959, 20370

is obtaining II at a high temperature  
and with a great surplus of SO<sub>2</sub>. Multiple  
and fractionated single crystallizations  
of II practically do not increase the  
purity of I, but lead to losses of the  
product. Purification of I by means of  
SO<sub>2</sub> gives a product which contains 98.5-  
99 percent of I with a yield of 89 per-  
cent. -- Z. Rachinskiy

Card : 4/4

17 - 570

KRZYWIŃSKI, Mieczysław

Contribution to the knowledge of Rhopalocera fauna of the  
Polish part of the Tatra Mountains (Lepidoptera). Annales  
zool 21 no.12:151-222 '63

KROKOWSKI, V.

On the vectorial intensity law in geometric optics. In English.  
P. 255.

ACTA PHYSICA POLONICA Vol. 14, No. 3, 1955  
Warszawa, Poland

SOURCE: EJAL, Vol 5, No. 10 Oct. 1956

KRZYWIEC, Danuta, Sc.M.

Morphology and biology of *Mineuria ulmiphila* (Del Guercio)  
(Homoptera, Aphidina). Pt.1. Sciences biol Biul Poznan  
no.3:63-97 '62.

1. Polish Academy of Sciences, Institute of Zoology,  
Poznan.

KRAVICKI, Innatu, USSR.

Morphology and biology of *Mimouria ulmiphila* (Del Guerre)  
(Homoptera, Aphididae). Pt. 2. Scienze biol. Biol. Poznań no.  
513-29 '64

1. Institute of Zoology, Polish Academy of Sciences, Poznań,  
Branch.

KRZYWIEC , Robert

Generalization of Braschler's formula to calculate the number  
of fibers in a cross section of yarn. Przegl wlokiens 17 no.1:  
3-12 Ja '63.

BARON, Jozef; KRZYWINSKA, Felicja

Evaluation of function tests in the diagnosis of Stein-Leventhal syndrome. Endokr. pol. 14 no.3:213-222 '63.

1. I Klinika Poloznictwa i Chorob Kobiecych AM w Poznaniu  
Kierownik: prof. dr W. Michalkiewicz.

(STEIN-LEVENTHAL SYNDROME) (DIAGNOSIS)

(CORTISONE) (CORTICOTROPIN)

(GONADOTROPINS, CHORTONIC) (PROGESTERONE)

PLATEK RONICZ, Henryk; KRZYWINSKA, Felicja; I SAJSKI, Tadeusz

The structure of the placenta and the urinary estrogen level  
during pregnancy. Endokr. Pol. 15 no.6:573-578 N-D '64

1. I Klinika Położnictwa i Chorób Kobiecych Akademii Medycznej  
w Poznaniu (Kierownik: prof. dr. W. Michalkiewicz).

BREBOROWICZ, Henryk; KRZYWINSKA, Felicja

Complicated pregnancy and the urinary estrogen level. Pol. tyg.  
lek. 19 no. 50: 1920-1922 14 D '64.

1. Z I Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej w Poznaniu (Kierownik kliniki: prof. dr. med. Witold Michalkiewicz).

SŁOMKO, Zbigniew; KRZYWINSKA, Felicja

Effect of navidrex on water-electrolyte balance in late pregnancy toxemias. Ginek. Pol. 35 no.3:397-403 My-Je '64

1. Z I Kliniki Położnictwa i Chorób Kobiety Akademii Medycznej w Poznaniu (Kierownik: prof. dr. med. W. Michalkiewicz).

JERZYKOWSKA-KULESZYNA, Kazimiera; KRZYWIESKA, Felicja

Effect of ACTH on the adrenal cortex in newborn infants in normal  
and pathological states. Pediat. polska 34 no.5:665-676 May 59.

1..Z.I Kliniki Polozniczta i Chorob Kobiecych A.M. w Poznaniu  
Kierownik: doc. dr med. W. Michalkiewicz. Adres: Poznan, ul. Polna  
33, I Klinika Polznictwa i Chorob Kobiecych A.M.

(ACTH, eff.  
on adrenal cortex in newborn inf. in normal & pathol. states()  
(ADRENAL CORTEX, eff. of drugs on,  
ACTH, in newborn inf. in normal & pathol. states (Pol))  
(INFANT, NEWBORN  
eff. of ACTH on adrenal cortex in normal & pathol. states (Pol)

BREBOROWICZ, Henryk; KRZYWINSKA, Felicja; PISARSKI, Tadeusz

Behavior of the estrogen level in pregnancy complicated by  
fetal hydrocephalus. Endokr. pol. 14 no.4:329-334 '63.

1. I Klinika Poloznictwa i Chorob Kobiecych A.M. w Poznaniu

Kierownik: prof. dr W. Michalkiewicz.

{ESTROGENS} {URINE} {FETAL DISEASES}

{HYDROCEPHALUS} {PREGNANCY COMPLICATIONS}

BRODOWICZ, Henryk; KRZYWIŃSKA, Halina

Relation of urinary excretions in pregnancy to conditions of the fetus and newborn infant. Indukr. Lci. 15 no.5493-429 3-3 '64

I. Klinika Polonistwa i Chorób Reumaticznych Akademii Medycznej w Poznaniu (Kierownik: prof. dr. J. Mielakiewicz).

CINNIELOWA, Maria; KRZYWINSKA, Krystyna; KWAPISIENICZ, Irena

A case of exfoliative dermatitis in a 6-year-old girl. Pediat.  
Pol. 40 no.2:193-197 F '65

1. Z II Kliniki Chorob Dzieci Akademii Medycznej w Poznaniu  
(Kierownik: prof. dr. med. O. Szczepaki).

SZTYF, Henryk; MAJEWSKI, Czeslaw; JURCZYK, Witold; SIELECKI, Krzysztof;  
KRYZINSKI, Rajmund

Observations on the administration of viadril and viadril G  
to rats. Przegl. lek. 21 no.6:432-434 '65.

1. Z Kliniki Chirurgicznej i Zakladu Anestezjologii przy  
III Katedrze Chirurgii AM w Poznaniu (Kierownik Katedry:  
Prof. dr. med. A. Fiskor) i z Zakladu Anatomii Patologicznej  
Szpitala Miejskiego im. J. Strasza w Poznaniu (Kierownik:  
Dr. med. C. Majewski; Dyrektor Szpitala: Dr. med. S. Andrzejewski).

JURCZYK, Witold; KROJANIECKI, Janusz; STENCER, Krzysztof.

Evaluation of the measurement of intrasophageal pressure during general anesthesia. Pol. przegl. chir. 36 no. 9:1021-1027 1962

1. Z Zakladu Anestezjologii przy III Katedrze Chirurgii Akademii Medycznej w Poznaniu (Kierownik Zakladu dr. W. Jurczyk; kierownicy Katedry: prof. dr. A. Piskorz).

..... \* PERTURBATION OSCILLATING STREAM OF COHESIVE  
viscous fluid. (Overbeck, Ing. Arch. 3, 404-421 (1949).  
This paper is concerned with the effect of shear band  
..... wave motion of a compressible viscous fluid.  
In the case of incompressible viscous fluid, this problem has  
been studied independently by R. H.

..... constant. In doing so, the author is able to obtain  
a finite vertical velocity component which is due to  
the shear band.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826930001-2

K R F V W O B L O C Y T A A -  
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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826930001-2"

KRZYWOBLOCKI, M. Z.

Applied Mechanics Reviews  
June 1954  
Compressible Flow,  
Gas Dynamics

S  
0110001

1947. ✓ Krzywoblocki, M. Z. on Bergmann's linear integral operator method in the theory of compressible fluid flow. *Ch. Ing.-Arch.* 7, 4, 330-370, 1933.

In this second part of his work on Bergmann's linear integral operator method, the author discusses supersonic and transonic flow. At first, the operator obtained by the use of Riemann's function is thoroughly discussed, as well as the question of the domain of convergence. In the section on transonic flow, the application of the integral operators of the first and second kind in the case of the exact and the simplified compressibility equation is shown.  
From author's summary

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APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826930001-2"

second, author briefly outlines the other methods used in the study.

Third, author gives a brief outline of the results obtained from the various methods. A review of the tables and particularly the notes will give an idea of the type of information available. If desired, a brief outline of some examples, etc., will be given.

157 AFB

ANALYST/LOCATOR - M.Z.

✓ 4682. ON DRAG OF SOME BODIES IN FREE MOLECULE  
FLOW. M.Z.y.Krasywoblocki and G.Shirosaki.

Acta phys. austriaca, Vol. 10, No. 1-2, 34-53 (1956).

The authors extend some results of Heineman for the drag  
on a convex body of some particular shape in the regime of  
free molecule flow, assuming various laws of reflection. In  
particular, special attention is paid to the collisions of the  
molecules reflected from the surface, an item which presents  
great difficulties of both physical and mathematical nature.

533.8.011.3 : 533.7

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P.W. S.M.

41199  
S/124/62/000/010/002/015  
D234/D308

26.1410

AUTHOR: Krzywoblocki, M. Z.

TITLE: A plane jet of a compressible liquid in magnetohydro-dynamics

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 10, 1962, 1-2,  
abstract 10B5 (Bul. Inst. politehn. Iasi, 1961, 7,  
no. 1-2, 59-96 (Eng.; summaries in Rus. and Rum.))

TEXT: A theoretical solution of the problem of flow of a plane infrasonic jet of a compressible, electrically conducting, non-viscous gas from a reservoir, in presence of an electric and a magnetic field. With the aid of a transformation similar to Chaplygin's (transition to the hodograph plane), the equation for the flow function is converted into a linear equation. The electromagnetic equations remain linear after this transformation. Although all equations are linear in the hodograph plane, their solution is very complicated in the general case. A particular case is considered: 1) The magnetic field is constant and directed at a right

Card 1/2

A plane jet of ...

S/124/62/000/010/002/015  
D234/D308

angle to the plane of flow, 2) there is no electric field, 3) the induced magnetic field is negligibly small in comparison with the external incident field. Since the systems of equations is rather complicated even in this sample case. the problem is solved by an approximate method based on the iteration method. The Chaplygin solution corresponding to the absence of magnetic field is taken as the zero approximation. A general discussion of the application of the iteration method to the above problem is given. Solutions are obtained for the first approximation. It is found that in the first approximation the velocity of gas along the boundary of the jet does not vary (as in ordinary hydrodynamics) and the term expressing the heat supply and the potential of the electromagnetic force are independent of the coordinate  $\Theta$  (the angle of inclination of the velocity). The paper concludes with a description of the method of transition from the hodograph plane to the physical plane.

*[Abstracter's note: Complete translation.]*

Card 2/2

100-10000  
S/044/62/000/011/026/064  
A060/A060

AUTHOR: Krzywoblocki, M. Z.

TITLE: On some mathematical aspects of the boundary layer theory

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 62,  
abstract 11B248 (An. stiint. Univ. Iasi, 1961, sec. 1, v. 7,  
no. 2, 315 - 397, English; summaries in Russian, Rumanian)

TEXT: Despite the diversity of results relating to various kinds of self-similating solutions of boundary layer equations, the general problems of the boundary layer theory are little studied. The paper discusses the connection between the existence theorems for reduced (ordinary) equations and those for the original (partial differential) equations. The analysis is made more difficult by the fact that the corresponding transformations have a degenerate Jacobian. Consequently, the main tool of this analysis is the apparatus of the theory of groups. The first two chapters, in which certain general problems are discussed, contain no new results. In the third chapter a proof is carried out of the existence of a fundamental solution of the original equations when the corresponding solution in a lower-dimensional space is existing. In chapter four

Card 1/2

100-10000  
13

On some mathematical aspects of...

S/000/62/000/011/026/064  
A060/A000

an analogous result is obtained for the solution of the boundary problem (albeit only in the case when the curve carrying the boundary conditions does not extend to infinity).

N. N. Kuznetsov

[Abstracter's note: Complete translation]

Card 2/2

KRZYWOBLOCKI, M.Z.

Scattering and attenuation of electromagnetic waves in a turbulent medium. Propsd vibr probl 3 no.4:245-281 '62.

1. Michigan State University.

KRZYWOBLOCKA, Roza, mgr

Macroscopic and microscopic testing of concrete structures.  
Inst tech budow biul inf no.10:17-21 '62.

1. Zaklad Wytrzymalosci Materialow, Instytut Techniki  
Budowlanej, Warszawa.

KRZYWOBLOCKA, Roza, mgr.

Application of the microscope for research on building materials.  
Przegl budowl i bud mieszk 34 no.4/51292 Ap-My '62.

CETNAROWICZ, J; DKSZCZ, J; KRZYWONOS, J; LEWENHOFF, K; WRONIEWICZ, Z;  
ZAJDEK, D.

Observations on health of adolescents employed at the Lenin  
Steel Mill in Krakow. Med.pracy 6 no.3:191-199 1955.

1. Z Ośrodka Maukowo-Badawczego Chorob Zawodowych przy II  
Klinice Chorob Wewnętrznych A.M. w Krakowie. Kierownik: prof.  
dr T. Tempka.

(ADOLESCENCE,

health of adolescents in heavy indust. in Poland)

(INDUSTRIAL HYGIENE,

health of adolescents in heavy indust. In Poland)

DZIĘKONSKI, J.; KRZYWOSZYNSKI, W.; STEFLEN, J.; WIECZOROWSKI, St.

Statistical date on trichomoniasis in bulls in Poland. Wiadomosci parazyt.  
Warsz. 4 no.4:319-322 1958.

(TRICHOMONIASIS, epidemiol.  
in bulls in Poland (Pol))

FAST, Jakub; KRZYWY, Tadeusz; STANECKI, Jan

Studies on nasal and pharyngeal carriers of Staphylococci in relation to biochemical properties of the strains and their resistance to antibiotics. Med. dosw. mikrob. 9 no.1:89-99 1957.

1. Z III Kliniki Chirurgicznej A.M. we Wrocławiu Kierownik: prof. dr. Z. Jezioro i z Wojewódzkiej Stacji Sanitarno-Epidemiologicznej we Wrocławiu Kierownik: dr. S. Przylecki.  
(MICROCOCCAL INFECTIONS, transm. carriers, relation of antibiotic resist. of strains to their incidence in nasal & pharyngeal carriers! (Bol))

*KRZYWY, Tadeusz*  
STANECKI, Jan; FAST, Jakub; KRZYWY, Tadeusz

Inactivation of bacteriostatic action of aureomycin by bacterial metabolism products. Med. dosw. mikrob. 9 no.4:437-440 1957.

l. Z III Kliniki Chirurgicznej A. M. we Wrocławiu. Kierownik: prof. Z. Jezioro. i z Wojewódzkiej Stacji Sanitarno-Epidemiologicznej we Wrocławiu.

(CHLORTETRACYCLINE, antagonists,  
inactivation of bacteriostatic activity by bact. metab.  
prod. (Pol))

KRZYNY, Tadeusz; STANECKI, Jan; FAST, Jakub

Biochemical changes of *Staphylococcus aureus* following *in vitro* production of antibiotic resistance. *Med. dosw. mikrob.* 10 no.2:185-192 1958.

1. Z III Kliniki Chirurg. Akad. Med. we Wrocławiu Kierownik: prof. dr med. Z. Jesiorec i z Wojew. Stacji Sanit. Epidem. we Wrocławiu.

(ANTIBIOTICS, effects,  
on *Micrococcus pyogenes*, biochem. changes in resist.  
strains (Pol))

(*MICROCOCCUS PYOGENES*, eff. of drugs on,  
antibiotics, biochem. changes in resist. strains (Pol))

KRZYWY, Tadeusz; JEZIORO, Zdzislaw; FAST, Jakub

Associated effects of detergents and antibiotics on strains of  
Staphylococcus aureus isolated in cases of chronic osteomyelitis.  
Arch. immun. ter. dosw. 8 no.1:173-178 1960.

1. Instytut Immunologii i Terapii Doswiadczałnej PAN we Wrocławiu,  
Dyrektor: Prof. dr St. Slopek; Dział Bakteriologii i Antybiotyków,  
Kierownik: Prof. dr St. Slopek; III. Klinika Chirurgiczna Akademii  
Medycznej we Wrocławiu, Kierownik: Doc. dr Z. Jeziorek.  
(OSTEOMYELITIS microbiol.)  
(STAPHYLOCOCCUS pharmacol.)  
(ANTIBIOTICS pharmacol.)  
(DETERGENTS pharmacol.)

KRZYMY, Tadeusz

Species determination and antagonistic properties of actinomycetes  
strains isolated from the soils of Upper Altaj and Jan-Cju-An  
region. Arch.immun.ter.dosw. 8 no.4:663-672 '60.

1. Institute of New Antibiotics in Moscow.

(ACTINOMYCES) (SOIL microbiol)

KRZYWI, Tadeusz; SZERSZEN, Leszek; WIECZOREK, Jadwiga

Occurrence of actinomycetes in Spitsbergen in relation to ecologic factors, Arch.immun.ter.dosw. 9 no.2:253-260 '61.

1. Department of Antibiotics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw, and Chair of Soil Science, Agricultural High School, Wroclaw.

(ACTINOMYCES) (SOIL microbiol)

JEZIORO, Zdzislaw; BERNAT, Mieczyslaw; BIELAWSKI, Janusz; FAST, Jakub;  
KRZYWI, Tadeusz

Clinical significance of antibiotic therapy of surgical diseases. Pol.  
tyg. lek. 17 no.36:1415-1418 3 S '62.

1. z III Kliniki Chirurgicznej AM we Wrocławiu; kierownik: prof. dr med.  
Zdzislaw Jezioro.

(ANTIBIOTICS)

KRZHYVY, T. [Krzywy, T.]

Comparison of the species composition and antibiotic properties  
of actinomycetes from soils of the Gornyy Altai (U.S.S.R.) and  
Yench'wan District (Chinese People's Republic). Mikrobiologija  
31 no.1:90-94 Ja-F '62. (MIRA 15:3)

1. Sotrudnik Instituta eksperimental'noy meditsiny imeni  
Girshvel'da Pol'skoy Akademii nauk, Vrotslav, Pol'sha i  
Institut po izyskaniyu novykh antibiotikov AMN SSSR.

(ALTAI MOUNTAINS--SOILS--MICROBIOLOGY)

(ACTINOMYCES)

(YENCH'WAN DISTRICT (SHENSI PROVINCE)--SOILS--MICROBIOLOGY)

2.

## POLAND

JEZIORO, Zdzislaw, BIELAWSKI, Janusz, BIERNAT, Mieczyslaw,  
KRYZYNY, Tadeusz, and BUGAJSKI, Adam, Third Surgical Clinic  
(III Klinika Chirurgiczna) AM [Akademia Medyczna, Medical  
Academy] in Wroclaw (Director: Prof. Dr. med. Z. JEZIORO)  
and the Institute of Immunology and Experimental Therapy  
(Instytut Immunologii i Terapii Doswiadczennej) in Wroclaw  
(Director: Prof. Dr. med. St. SLODKI)

"Studies on the Effect of Neomycin on the Bacterial Flora  
of the Digestive Tract."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 11, 11 Mar 63.  
pp 397-400.

Abstract: [Authors' English summary] Authors report results  
of their studies on the bacterial flora of the digestive  
tract of persons with digestive diseases and on the sen-  
sitivity of these bacteria to neomycin prior to the opera-  
tion. Clinical observations on the effect of neomycin in  
surgery are also mentioned. Experimental studies should  
be made before any conclusions concerning the use of neo-  
mycin in surgery can be drawn. The 15 references include  
2 each Polish and Czech, one French, and 10 English.

1/1

WIECZOREK, Jadwiga; SZERSZEN, Leszek; KIZYWY, Tadeusz; BARANOWSKI, Stanislaw.

The occurrence of Actinomycetes in the region of the Werenskiold glacier (SW Spitsbergen) in relation to ecologic factors. Arch. immun. ther. exp. 12 no.1:14-24 '64

1. Department of Antibiotics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw; Chair of Pedology of the Higher Agricultural School, Wroclaw; Chair and Observatory of Meteorology and Climatology, University of Wroclaw.

\*

JEZIORO, Zdzislaw; BIELAWSKI, Janusz; BEFNAT, Mieczyslaw; KRZTY, Tadeusz

Bacterial flora in acute appendicitis. Pol. tyg. lek. 20 no.16:  
558-560 19 Ap '65.

1. z III Kliniki Chirurgicznej AM we Wrocławiu (Kierownik: prof.  
dr. med. Z. Jezioro) i z Instytutu Immunologii i Terapii Doswiad-  
czalnej Polskiej Akademii Nauk (Dyrektor: prof. dr. med. S. Slopek).

S/044/63/000/002/009/050  
A060/A126

AUTHOR: Krzyż, J.

TITLE: The radius of close-to-convexity within the family of univalent functions

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 23 - 24, abstract 2B104 (Bull. Acad. Polon. sci. Sér. sci. math. astron. et phys., 1962, v. 10, no. 4, 201 - 204; English; summary in Russian)

TEXT: Let  $S$  be the family of functions  $f(z) = z + \sum_{n=2}^{\infty} a_n z^n$ , regular and univalent in the circle  $|z| < 1$  and let  $r_0$ ,  $0 < r_0 < 1$ , be the radius of close-to-convexity in the family  $S$ , i.e., the greatest number such that the mapping of every circle  $|z| = r < r_0$  realized by any of the functions  $f(z) \in S$  will be a close-to-convex line in the sense of Kaplan. It is demonstrated that  $r_0$  is the unique real root of the equation

$$2\arctg \frac{1-r^2}{1+r^2} x_0(r) + \log [1+x_0(r)] - 2\log \frac{2r}{1-r^2} = 0$$

Card 1/2

S/044/63/000/002/009/050

A060/A126

The radius of close-to-convexity within the ....

on the interval  $(r_0, 1)$ , where  $r_0 = \tanh^{-1} \frac{r}{\sqrt{1-r^2}} = 0.65 \dots$  - the known radius of stellarity in the family  $S$ ,  $x_0(r)$  - is the unique real root of the polynomial

$$x^3 - Ax^2 + A^2x - A, \quad A = \frac{1+r^2}{1-r^2}.$$

The proof makes use of the revolution theorem in the family  $S$ . It is demonstrated that  $0.8 < r_0 < 0.81$ .

G.V. Koritskiy

[Abstracter's note: Complete translation]

Card 2/2

BIELECKI, A. (Lublin); KRZYZ, J. (Lublin)

On Mieczyslaw Biernacki's works on the theory of analytic functions  
and those on polynomials. Col math 9 no.2:365-372 '62.

KRZYZ, J.

The radius of close-to-convexity within the family of univalent functions. Bul Ac Pol mat 10 no.4:201-204 '62.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.  
Presented by A.Mostowski.

BIELECKI, A.; KRZYZ, J.; LEWANDOWSKI, Z.

On typically-real functions with a preassigned second coefficient.  
Bul Ac Pol mat 10 no.4:205-208 '62.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.  
Presented by A.Mostowski.

KRZYZ, J. (Lublin)

On some recent results in the theory of analytic  
functions. Col math 11 no.2:147-150 '64.

KRZYŻ, JAN.

*Krzyż, Jan. On a certain occasion of the mass strike*

4 111 1

Printed

The above result is due to chance. Not the real state.

[Kryz, Jan. On monotonicity-preserving transformations

Matematyczne Kwartalnik Polskiej Akademii Nauk, Seria A, 6 (1957),

91-111 (1954) Polish and German summaries

Kryz, Jan. A connection between two theorems of F. Riesz

Colloquium Mathematicum

Monotonicity preserving transformations. Let  $\varphi_n$  be a sequence of real functions defined on a set  $E$ . Then  $\varphi_n$  is said to preserve monotonicity if  $\psi(t)$  is monotone increasing (or decreasing) whenever  $\varphi_n$  is a real monotone increasing (or decreasing) sequence belonging to the class  $\mathcal{F}_n$ , where  $\mathcal{F}_n$  is the class of all sequences  $\varphi_n$  for which the series  $\sum \varphi_n(x)$  converges uniformly on  $E$ .



Krzyż, J.

Krzyż, J. On the maximum modulus of univalent functions. Bull. Acad. Polon. Sci. Cl. III. 3 (1955), 203-206. 1 - F/W

Let  $f(z) = a_0 + a_1 z + \dots$  be univalent in  $|z| < 1$  and let  $M(r, f) = \max_{|z|=r} |f(z)|$ . In the paper reviewed above the reviewer has shown that  $(1-r)^2 M(r, f) \rightarrow 1$  as  $r \rightarrow 1$ . The author now shows that  $(1-r)^2 M(r, f) \rightarrow 2r$  as  $r \rightarrow 1$ .

W. K. Hayman (Exeter).

SMW  
JPK

Bieracki, Mieczyslaw; and Krzyz, Jan. On the monotonicity of certain functionals in the theory of analytic functions. Ann. Univ. Mariae Curie-Sklodowska. Sect. A. 9 (1955), 135-147 (1957). (Polish and Russian summaries)

For a function  $w=f(z)$  regular in  $|z| \leq r$  let  $L(r)$  be the length of the image of  $|z|=r$ ,  $S(r)$  the area of the image of  $|z| \leq r$  with due count of multiplicity. The authors prove that  $L^4(r) - 4\pi S(r)^2$  increases strictly with  $r$ , unless  $f(z)$  is bilinear. Further if  $I_2(r, f) = (2\pi)^{-1} \int_0^{2\pi} |f(re^{i\theta})|^2 d\theta$ , they show that  $r^8 I_2(r, f') / I_2(r, f)$  increases strictly with  $r$  unless  $f(z)$  reduces to  $az^n$ . They also conjecture that  $L^8(r)/S(r)$  increases with  $r$ .

W. K. Hayman (London).

8m

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826930001-2

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826930001-2"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826930001-2

Kerry, L. Oliver's thoughts and its continuation. JEW

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826930001-2"

Krzyz, Jan; and Radziejewski, Konstanty. Isoperimetric defect and conformal mapping. Ann. Univ. Mariae Curie-Sklodowska, Sect. A, 10 (1956), 49-53 (1958). (Polish and Russian summaries)

Let  $f(z)$  be a function regular for  $|z| < R$ , and let  $L(r)$  denote the length of the image under  $f$  of  $|z|=r$ , and  $S(r)$  the area of the image of  $|z| \leq r$ , account being taken of multiplicities. Biernacki and Krzyz had previously shown (same Ann. 9 (1955), 135-147; MR 19, 726) that  $L^2(r) - 4\pi S(r)$  is either a strictly increasing function of  $r$  or else vanishes identically. Biernacki and Krzyz further conjectured that  $L^2(r)/4\pi S(r)$  is an increasing function of  $r$ . The present paper constructs a counter-example to this conjecture. The function in the counter-example does not map the unit circle onto a convex domain, and so the question of the monotonicity of  $L^2(r)/S(r)$  for mappings onto convex domains is still open.

H. L. Royden (Zürich)

KRZYZ, J.

Distortion theorems for bounded convex functions. Bul Ac Pol mat 8  
no.9:625-627 '60.

1. Institute of Mathematics, Polish Academy of Sciences. Presented by  
K. Kuratowski.

(Convex bodies)

KRZYZ, J. (Lublin)

Mieczyslaw Biernacki; March 30, 1891 - November 21, 1959.  
Rocznik nad matem 5 kwietnia '61.

KRZYZ, J.

PIELECKI, A.

POLAND

Not given (Lublin)

Warsaw, Colloquium Mathematicum No, 2, 1962, pp 365-371

"Work of Mieczyslaw Biernacki on the Theory of Analytical Functions and the Function of Polynomials"

Co-author: KRZYZ, J., same

KRZYZ, J. (Lublin)

On a problem of P. Montel. Annales pol. math. 12 no.1:55-60 '62.

1. Mathematical Institute, Polish Academy of Sciences, Warsaw.

RYZYK, J. (Lublin)

On the derivative of close-to-convex functions. Col math 10  
no.1:143-146 '63.

1. Mathematical Institute, Polish Academy of Sciences, Warsaw.

KRZYŻ, J.; LEWANDOWSKI, Z.

On the integral of univalent functions. Bul. Ac.Pol. mat.  
11 no.7:447-448 '63.

1. Institute of Mathematics, Polish Academy of Sciences,  
Warsaw, and Department of Mathematics, M.Curie-Sklodowska  
University, Lublin. Presented by A.Mostowski.

KRZYZ, J.

Some remarks on close-to-convex functions. Bul Ad Pol  
mat 12 no. 1: 25-28 '64.

1. Department of Mathematics, M. Curie-Sklodowska  
University, Lublin. Presented by A. Mostowski.

KRZYZAGORSKA, Halina

Lacrimation and its causes according to observations of the clinic of eye diseases of the Academy of Medicine in Poznan (from 1/1/1958 to 12/31/1959). Klin.oczna 31 no.4:403-406 '61.

1. Z Kliniki Chorob Oczu AM w Poznaniu Kierownik: prof. dr med. A. Kwaskowski.

(LACRIMAL APPARATUS dis)

KORYTOWSKI, Janusz; KRZYZAGORSKA, Halina

Chronic tonsillitis in eye diseases. Klin. oczna 34 no. 3:  
243-249 '64.

1. Z Kliniki Otolaryngologicznej (Kierownik: prof dr med.  
A.Zakrzewski) i z Kliniki Chorob Oczu AM w Poznaniu  
(Kierownik: prof. dr med. A.Kwaskowski).

*Przegl. Chem.* 1961, 35, 10, p. 1111-1114  
Detergent for removing grease, soot, and rust stains from  
hands. A. Przyjaczykowski and M. Krzyżkowa (Zakład  
Przemysłu Kosmetycznego CIPRES, Warszawa), *Zeszyty  
Nauk. Inst. Przemysłu Kosmetycznego*, 3, No. 2, 1961, 49-  
50 (1961) — Subjective testing of several products in fab-  
ticles, involving washing very soiled hands, indicates the  
preference is for paste products. A typical example of such  
a preferred product is: 5% of a soap made from fatty grease  
(i.e. 10% fatty acids), 41% of a mech. abrasive, 4% glycerin,  
half of which is linseed oil, 1%  $\text{H}_2\text{O}_2$ , and 10% of a humectant  
agent which makes the skin smooth, 1% glycerin or a similar  
agent.

Re: 74-24707-1

POL.

Dyakovskaya A., Kozlikova I. [A chapter for Text Book 57]  
Grazie, Coal and Burnable Coal Hand

Apparatusy brudza do zahranenj zahradni, 30, 40  
g, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140  
kg, 150 kg.

Apparatus in the form of paste for easy removal of grass, weeds  
and from the trees. The most convenient method of the removal  
of the weeds, using machine, it is necessary to mix the soil with  
the biologically active soil, burn ground powder - plant and  
soil in the late winter and the early spring, after degassing and drying  
of the soil (and the plants). In the opinion of a number of  
persons the paste is very satisfactory for its properties.

KRZYZANEK, Edward, mgr

Water turbidity of the water barrage Goczałkowice Reservoir in 1960.  
Acta hydrobiol 5 no.1:61-72 '63.

1. Zakład Biologii Wod, Polska Akademia Nauk, Stacja Biologiczna;  
Goczałkowice pow. Pszczyna.

POLAND/Antibiosis and Symbiosis - Antibiotics.

F

Abs Jour : Ref Zhur Biol., No 1, 1959, 765

Author : Krzyzaniak D.

Inst : -

Title : Development of Food Yeast Production

Orig Pub : Przem. rolny PGR, 1957, 2, No 11-12, 13-17

Abstract : No abstract.

Card 1/1

- 21 -

KRZYZANIAK, D.

The Production line of yeast. p. 147.

(PRZEMYSŁ SPOŻYWCZY. Vol. 11, No. 4, Apr. 1957, Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEL) Lc. Vol. 6, No. 10, October 1957. Uncl.

POLAND / Chemical Technology, Chemical Products and  
Their Application, Part 3. - Fermentation  
Industry. H

Abs Jour: Ref Zhurnal Khimiya, No 18, 1958, 62517.

Author : Dionizy Krzyzeniak.

Inst : Institute of Fermentation Industry, Poland.

Title : Scientific-Technical Symposium on The Theme "Mol-  
asses and Residual Molasses Liquid in Alcohol  
and Yeast Industries".

Orig Pub: Przem. fermentacyjny, 1958, 2, No 1, 3 - 5.

Abstract: An abridged exposition of the contents of re-  
ports and recommendations contained in the sym-  
posium of the Institute of Fermentation Indus-  
try of Poland of September 12 and 13, 1957,  
concerning the following topics: description of  
molasses as raw material for the alcohol and

Card 1/2

POLAND / Chemical Technology, Chemical Products and  
Their Application, Part 3. - Fermentation  
Industry.

Abs Jour: Ref Zhurnal Khimiya, No 18, 1958, 62517

Abstract: the yeast industries; revealing of causes of  
molasses defects and means of their elimina-  
tion; procedure of molasses analysis; des-  
cription of residual molasses liquid and meth-  
ods of its utilization.

Card 2/2

9

KRZYZANIAK, Dionizy

Calculation and balancing of the production capacity in the food industries. Przemysł fermentacyjny ó no.3:61-63 Mr '62.

1. Ministerstwo Przemysłu Spożywczego i Skupu, Warszawa

~~SARNECKI, K.~~

"Machines and equipment in the alcohol and yeast industry"  
by B.Bachman, W.Kamienicbrodzki, D.Krzyzaniak, W.Rzuchowski,  
R.Stein, G.Szabo. Reviewed by K.Sarnecki. Przegl papier 18  
no.10;3 of cover 0 '62.

KRANZ, Maksymilian; KRZYZANIAK, Jarek; CITLER, Edward

Experiment in separating germanium from flue dust, coal,  
and pyrite ashes. Chemia stosow 8 no. 1:39-43 '64.

1. Department of Applied Chemistry, A.Mickiewicz University,  
Poznan.

KRANZ, Maksymilian; KRZYZANIAK, Jaroslaw

Colorimetric determination of vanadium as vanadyl sulfate. Chem anal  
5 no.2:243-246 '60.  
(EKAJ 10:3)

1. Katedra Chemii Nieorganicznej Uniwersytetu im. A.Mickiewicza,  
Poznan.  
(Colorimetry) (Vanadium) (Vanadium sulfates)

KRZYZANIAK, Jaroslaw

Calorimetric determination of diastase activity of the blood serum and urine using our method. Polski tygod.lek. 15 no.18: 676-699 2 My '60.

1. Z Laboratorium Analiz Klinicznych Przychodni Obwodowej - Rejonowej Poznan - Jezycze; dyrektor: dr. J. Radzicki.  
(AMYLASES chem.)

KRAJEK, Maksymilian; KRZYZANIAK, Jaroslaw

Influence of trace substances upon the reduction of vanadium (V)  
by sodium sulfite. Colorimetric studies. Rocznik chemii 36  
no,1:3-10 '62.

1. Institute of Applied Chemistry, A.Mickiewics University, Poznan.

KRZYZANIAK, L.

"Technologia metali" (Technology of metals), by L. Krzyzaniak. Reported  
in New Books (Nowe Książki), No. 14, July 15, 1955

KRZYZANIAK, W.

"Three Spiders and a Fly." p. 113 (HORYZONTY TECHNIKI, Vol. 6, No. 3, Mar. 1953)

SO: Monthly List of East European Acquisitions, Library of Congress, Vol. 2, No. 10,  
October 1953. Unclassified.